

**Commonwealth of Kentucky  
Division for Air Quality**

**PERMIT APPLICATION SUMMARY FORM**

Completed by: Jill Bertelson, P.E.

General Information

Name:	Dow Corning Corporation
Address:	4770 US Hwy 42E, P.O. Box 310 Carrollton, KY 41008
Date application received:	March 7, 2001
SIC/Source description:	2869
AFS(10-digit) Plant ID:	21-041-00004
Application log number:	53629, 53447
Permit number:	V-99-050 (Revision 1)

Application Type/Permit Activity

<input type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input checked="" type="checkbox"/> Permit modification	<input type="checkbox"/> Conditional major
__Administrative	<input checked="" type="checkbox"/> Title V
<input checked="" type="checkbox"/> Minor (53447)	<input checked="" type="checkbox"/> Synthetic minor
<input checked="" type="checkbox"/> Significant (53629)	<input type="checkbox"/> Operating
<input type="checkbox"/> Permit renewal	<input checked="" type="checkbox"/> Construction/operating

Compliance Summary

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input checked="" type="checkbox"/> Compliance certification signed	

Applicable Requirements list

<input checked="" type="checkbox"/> NSR	<input checked="" type="checkbox"/> NSPS	<input type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input checked="" type="checkbox"/> NESHAPS	<input checked="" type="checkbox"/> Other - Early Reductions
<input type="checkbox"/> Netted out of PSD/NSR	<input checked="" type="checkbox"/> Not major modification per 401 KAR 51:017, 1(23)(b) or 51:052,1(14)(b)	

Miscellaneous

- ☐ Acid rain source
- ☒ Source subject to 112(r)
- ☒ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☒ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☒ Certified by responsible official
- ☒ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants):

## Emissions Summary

Pollutant		Actual (tpy)	Potential (tpy)
PM/PM <sub>10</sub>		1.01	1.01
SO <sub>2</sub>		0.14	0.14
NO <sub>x</sub>		22.73	22.73
CO		4.77	4.773
VOC		4002.4	85.16
LEAD		0	0
HAP ≥ 10 tpy (CAS #)	Chlorine 7782-50-5	28.62	0.29
	2,2,4- trimethylpentane 540-84-1	156.0	3.12
	HCl 7647-01-0	123.78	1.24
	MeCl 74-87-3	846.06	17.02
	MeOH 67-56-1	124.57	2.50
Combined HAPs		1279.02	24.16

### SOURCE PROCESS DESCRIPTION:

See Statement of Basis for complete descriptions of these projects.

### EMISSION AND OPERATING CAPS DESCRIPTION:

Emissions of PM<sub>10</sub> and VOC are included in the group synthetic minor limits already in the Title V permit. Emissions of HAPs are included in the Early Reductions limits already in the Title V permit